

**Biljana Đ. Glišić**  
**Faculty of Science, University of Kragujevac**  
*CURRICULUM VITAE*



**Family name (Surname):** Glišić  
**First name:** Biljana  
**Date of birth:** September 19, 1985  
**Country and place of birth:** Serbia, Kragujevac

**Mailing address:**

- University of Kragujevac, Faculty of Science, Department of Chemistry,  
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**Nationality:** Serbian  
**Present citizenship:** Serbia

**EDUCATION**

**PhD in Chemistry:**

- Department of Chemistry, Faculty of Science, University of Kragujevac,  
Kragujevac, Serbia, **2008 – 2012.**
- *Supervisor*  
Dr. Miloš I. Djuran, Professor of Chemistry, Faculty of Science, University of  
Kragujevac and the corresponding member of the Serbian Academy of Sciences  
and Arts
- *PhD thesis title:*  
„Synthesis and characterization of gold(III) complexes with some dipeptides“  
Faculty of Science, University of Kragujevac, **2012.**

**BSc in Chemistry:**

- Department of Chemistry, Faculty of Science, University of Kragujevac,  
Kragujevac, Serbia, **2004 – 2008.**

### ***Secondary School:***

- Kragujevac, Serbia, **2000 – 2004.**

### ***Primary School:***

- Kragujevac, Serbia, **1992 – 2000.**

### ***POSTDOCTORAL FELLOWSHIPS***

- Anorganisch-Chemisches Institut, Heidelberg University, Heidelberg, Germany, September 2014 – January 2015 (c/o. Professor Peter Comba).
- Faculty of Chemistry, Adam Mickiewicz University, Poznań, Poland, February – May 2015 (c/o. Professor Urszula Rychlewska and Professor Marcin Hoffmann).
- Department of Chemistry, University of Fribourg, Switzerland, January – February 2017 (c/o. Professor Katharina M. Fromm).

### ***EMPLOYMENT***

#### ***Assistant Professor:***

- University of Kragujevac, Faculty of Science, Department of Chemistry, **2017 – present.**

#### ***Research Fellow:***

- University of Kragujevac, Faculty of Science, Department of Chemistry, **2013 – 2017.**

#### ***Research Assistant:***

- University of Kragujevac, Faculty of Science, Department of Chemistry, **2008 – 2013.**

### ***LANGUAGES***

- Mother tongue: Serbian
- Other languages:  
*English* (listening, reading, spoken interaction and production, writing)  
*French* (listening, reading)

### ***NATIONAL PROJECTS***

- **Project title:** „Structures of novel transition metal complexes and mechanism of their reactions with biologically important ligands“, **2008 – 2010.** (Project No. 142008; Project is funded by the Ministry of Education, Science and Technological Development of the Republic of Serbia).
- **Project title:** „Synthesis of new metal complexes and investigation of their reactions with peptides“, **2011– present.** (Project No. 172036; Project is funded by the Ministry of Education, Science and Technological Development of the Republic of Serbia).
- **Project title:** „Metal complexes as potential therapeutic agents“, **2016 – present.** (Project No. F128; Project is funded by the Serbian Academy of Sciences and Arts).
- **Project title:** „Synthesis and application of new chemotherapeutics based on natural products and metal complexes“, **2019 – 2022** (Project No. 01-2019-F65; Project is funded by the Serbian Academy of Sciences and Arts).

### ***INTERNATIONAL PROJECTS***

- **SCOPES 2016 – 2018. Project title:** „Biomedical Dimension of Supramolecular Chemistry in the training and research in the Balkans area“ (Institutional partnership between Department of Chemistry, University of Fribourg, Switzerland, Department of Chemistry, University of Kragujevac, Serbia and Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences, Sofia, Bulgaria; Project No. IZ74Z0\_160515).
- **Bilateral project 2016-2017: Project title:** „Novel platinum-group metal complexes for biomedical applications“ (Department of Chemistry, University of Kragujevac, Serbia and Faculty of Chemistry and Chemical Technology, University of Ljubljana, Slovenia; Project No 24).

### ***REVIEWER OF JOURNAL PAPERS***

- Polyhedron, Letters in Organic Chemistry, Journal of the Serbian Chemical Society, Journal of the Chemical Society of Pakistan, Serbian Journal of Experimental and Clinical Research, European Journal of Medicinal Chemistry, Iranian Journal of Chemistry and Chemical Engineering, Catalysis Today, Journal of Inorganic and Organometallic Polymers and Materials, Inorganica Chimica Acta, RSC Advances.

### ***INVITED LECTURES***

- Faculty of Chemistry, Jagiellonian University, Kraków, Poland
- Faculty of Chemistry, University of Gdańsk, Gdańsk, Poland
- International Summer School „Supramolecular Chemistry – Ideas, Design and Methods for Investigations“, Borovets, Bulgaria
- Institute of Molecular Genetics and Genetic Engineering, University of Belgrade
- 54<sup>th</sup> Meeting of the Serbian Chemical Society, Belgrade, Serbia, September 29-30, 2017
- Petnica Research Center, Seminar „Chemistry of Complexes“, September 25, 2018
- Meeting of the Section for Medical Chemistry of the Serbian Chemical Society, Faculty of Chemistry, University of Belgrade, February 18, 2019
- Faculty of Chemistry, Adam Mickiewicz University, Poznań, Poland, June 28, 2019

### ***PROFESSIONAL SOCIETIES***

- Serbian Chemical Society
- Serbian Young Chemists Society

### ***PROFESSIONAL SOCIETY COMMITTEES AND SYMPOSIA***

- Member of the Organising Committee, 53<sup>th</sup> Meeting of the Serbian Chemical Society, Kragujevac, June 10-11, 2016
- Member of the Organising Committee, International Meeting on Medicinal and Bio(in)organic Chemistry, Vrnjačka Banja, Serbia, August 26-31, 2017

### ***RESEARCH INTERESTS***

- Bioinorganic Chemistry and Medicinal Inorganic Chemistry, including the synthesis of various transition metal complexes, their characterization by different spectroscopic and crystallographic methods, as well as evaluation of biological activity of the synthesized metal complexes for their potential use in medicine.

### ***LIST OF SCIENTIFIC PUBLICATIONS***

- **36** publications (see attached list of scientific publications)

### ***CITATIONS (November 11, 2019)***

- Google Scholar: **443** (Author *h*-index **12**)
- Scopus: **360** (Author *h*-index **10**)

### ***AWARDS***

- Diploma “Vuk Karadžić” for all excellent marks through the primary school
- Diploma “Vuk Karadžić” for all excellent marks through the secondary school
- University scholarship for the best students of University of Kragujevac, **2007/2008**
- Award of the Serbian Chemical Society for extraordinary success during the Chemistry studies, **2009**
- Award of the Serbian Chemical Society for the best oral presentation on the First International Conference of Young Chemists of Serbia, Belgrade, Serbia, October 19-20, 2012
- Medal of the Serbian Chemical Society for success in science, December 7, 2016
- IUPAC poster prize – 54<sup>th</sup> Meeting of the Serbian Chemical Society, Belgrade, Serbia, September 29-30, 2017
- IUPAC poster prize – 55<sup>th</sup> Meeting of the Serbian Chemical Society, Novi Sad, Serbia, June 8-9, 2018

## **REFEREES**

### **1. Professor Dr. Miloš I. Djuran**

The corresponding member of the Serbian Academy of Sciences and Arts

University of Kragujevac

Faculty of Science

Department of Chemistry

Radoja Domanovića 12

34000 Kragujevac, Serbia

E-mail: [milos.djuran@pmf.kg.ac.rs](mailto:milos.djuran@pmf.kg.ac.rs)

### **2. Professor Dr. Urszula Rychlewska**

Faculty of Chemistry

Adam Mickiewicz University

Umultowska 89B

61-614 Poznań, Poland

E-mail: [urszular@amu.ed.pl](mailto:urszular@amu.ed.pl)

### **3. Dr. Jasmina Nikodinović-Runić**

Institute of Molecular Genetics and Genetic Engineering

University of Belgrade

Vojvode Stepe 444a, 11000 Belgrade

E-mail: [jasmina.nikodinovic@imgge.bg.ac.rs](mailto:jasmina.nikodinovic@imgge.bg.ac.rs)

## **1. LIST OF SCIENTIFIC PUBLICATIONS OF DR. BILJANA Đ. GLIŠIĆ**

- 1.1. I. Gutman, B. Furtula, B. Glišić, V. Marković and A. Vesel**  
Estrada index of acyclic molecules  
*Indian Journal of Chemistry. Section A: Inorganic, physical, theoretical and analytical chemistry*, **46** (2007) 723-728.
- 1.2. I. Gutman, B. Furtula, V. Marković and B. Glišić**  
Alkanes with greatest estrada index  
*Zeitschrift für Naturforschung. Section A: Journal of physical sciences*, **62** (2007) 495-498.
- 1.3. S. Rajković, B. Đ. Glišić, M. D. Živković and M. I. Djuran**  
Hydrolysis of the amide bond in methionine-containing peptides catalyzed by various palladium(II) complexes: Dependence of the hydrolysis rate on the steric bulk of the catalyst  
*Bioorganic Chemistry*, **37** (2009) 173-179.
- 1.4. U. Rychlewska, B. Warzajtis, B. Đ. Glišić, S. Rajković and M. I. Djuran**  
Crystallographic evidence of Gly-D,L-Met oxidation to its sulfoxide in the presence of gold(III): solid solution of the racemic mixture of two diastereoisomers  
*Acta Crystallographica. Section C: Crystal Structure Communications*, **66** (2010) 51-54.
- 1.5. B. Đ. Glišić, S. Rajković, M. D. Živković and M. I. Djuran**  
A comparative study of the complex formation in the reactions of gold(III) with Gly-Gly, Gly-L-Ala and Gly-L-His dipeptides  
*Bioorganic Chemistry*, **38** (2010) 144-148.
- 1.6. U. Rychlewska, B. Warzajtis, B. Đ. Glišić, M. D. Živković, S. Rajković and M. I. Djuran**  
Monocationic gold(III) Gly-L-His and L-Ala-L-His dipeptide complexes: crystal structures arising from solvent free and solvent-containing crystal formation and structural modifications tuned by counter-anions  
*Dalton Transactions*, **39** (2010) 8906-8913.
- 1.7. B. Đ. Glišić, S. Rajković, Z. Stanić and M. I. Djuran**  
A spectroscopic and electrochemical investigation of the oxidation pathway of glycyl-D,L-methionine and its *N*-acetyl derivative induced by gold(III)  
*Gold Bulletin*, **44** (2011) 91-98.
- 1.8. B. Đ. Glišić, U. Rychlewska and M. I. Djuran**  
**Review article:** Reactions and structural characterization of gold(III) complexes with amino acids, peptides and proteins  
*Dalton Transactions*, **41** (2012) 6887-6901.

- 1.9. B. Đ. Glišić, S. Rajković and M. I. Djuran**  
The reactions of  $[\text{Au}(\text{dien})\text{Cl}]^{2+}$  with L-histidine-containing dipeptides.  
Dependence of complex formation on the dipeptide structure  
*Journal of Coordination Chemistry*, **66** (2013) 424-434.
- 1.10. B. Đ. Glišić, Z. D. Stanić, S. Rajković, V. Kojić, G. Bogdanović and M. I. Djuran**  
Solution study under physiological conditions and cytotoxic activity of the gold(III) complexes with L-histidine-containing peptides  
*Journal of the Serbian Chemical Society*, **78** (2013) 1911-1924.
- 1.11. B. Đ. Glišić\*, M. I. Djuran, Z. D. Stanić and S. Rajković**  
Oxidation of methionine residue in Gly-Met dipeptide induced by  $[\text{Au}(\text{en})\text{Cl}_2]^+$  and influence of the chelated ligand on the rate of this redox process  
*Gold Bulletin*, **47** (2014) 33-40.
- 1.12. B. Đ. Glišić and M. I. Djuran**  
**Review article:** Gold complexes as antimicrobial agents: an overview of different biological activities in relation to the oxidation state of gold ion and ligand structure  
*Dalton Transactions*, **43** (2014) 5950-5969.
- 1.13. B. Warżajtis, B. Đ. Glišić, N. S. Radulović, U. Rychlewska and M. I. Djuran**  
Gold(III) complexes with monodentate coordinated diazines: an evidence for strong electron-withdrawing effect of Au(III) ion  
*Polyhedron*, **79** (2014) 221-228.
- 1.14. B. Đ. Glišić, B. Warżajtis, N. S. Radulović, U. Rychlewska and M. I. Djuran**  
Gold(III) complexes with phenazine and quinoxaline: The role of molecular symmetry in intra- and intermolecular interactions  
*Polyhedron*, **87** (2015) 208-214.
- 1.15. B. Warżajtis, B. Đ. Glišić\*, M. D. Živković, S. Rajković, M. I. Djuran and U. Rychlewska**  
Different reaction products as a function of solvent: NMR spectroscopic and crystallographic characterization of the products of the reaction of gold(III) with 2-(aminomethyl)pyridine  
*Polyhedron*, **91** (2015) 35-41.
- 1.16. N. D. Savić, B. Đ. Glišić\*, H. Wadepohl, A. Pavić, L. Senerović, J. Nikodinović-Runic and M. I. Djuran**  
Silver(I) complexes with quinazoline and phthalazine: synthesis, structural characterization and evaluation of biological activities  
*MedChemComm*, **7** (2016) 282-291.

- 1.17. **B. Đ. Glišić, L. Senerovic, P. Comba, H. Wadepohl, A. Veselinovic, D. R. Milivojevic, M. I. Djuran and J. Nikodinovic-Runic**  
Silver(I) complexes with phthalazine and quinazoline as effective agents against pathogenic *Pseudomonas aeruginosa* strains  
*Journal of Inorganic Biochemistry*, **155** (2016) 115-128.
- 1.18. **B. Đ. Glišić, M. Hoffmann, B. Warzajtis, M. S. Genčić, P. D. Blagojević, N. S. Radulović, U. Rychlewska and M. I. Djuran**  
Selectivity of the complexation reactions of four regioisomeric methylcamphorquinoline ligands with gold(III): X-ray, NMR and DFT investigations  
*Polyhedron*, **105** (2016) 137-149.
- 1.19. **N. D. Savić, D. R. Milivojevic, B. Đ. Glišić\*, T. Ilic-Tomic, J. Veselinovic, A. Pavic, B. Vasiljevic, J. Nikodinovic-Runic and M. I. Djuran**  
A comparative antimicrobial and toxicological study of gold(III) and silver(I) complexes with aromatic nitrogen-containing heterocycles: Synergistic activity and improved selectivity index of Au(III)/Ag(I) complexes mixture  
*RSC Advances*, **6** (2016) 13193-13206.
- 1.20. **B. Đ. Glišić\*, N. D. Savić, B. Warzajtis, L. Djokic, T. Ilic-Tomic, M. Antić, S. Radenković, J. Nikodinovic-Runic, U. Rychlewska and M. I. Djuran**  
Synthesis, structural characterization and biological evaluation of dinuclear gold(III) complexes with aromatic nitrogen-containing ligands: antimicrobial activity in relation to the complex nuclearity  
*MedChemComm*, **7** (2016) 1356-1366.
- 1.21. **B. Đ. Glišić\*, I. Aleksic, P. Comba, H. Wadepohl, T. Ilic-Tomic, J. Nikodinovic-Runic and M. I. Djuran**  
Copper(II) complexes with aromatic nitrogen-containing heterocycles as effective inhibitors of quorum sensing activity in *Pseudomonas aeruginosa*  
*RSC Advances*, **6** (2016) 86695-86709.
- 1.22. **B. Warzajtis, B. Đ. Glišić, N. D. Savić, A. Pavic, S. Vojnovic, A. Veselinović, J. Nikodinovic-Runic, U. Rychlewska and M. I. Djuran**  
Mononuclear gold(III) complexes with L-histidine-containing dipeptides: tuning the structural and biological properties by variation of the N-terminal amino acid and counter anion  
*Dalton Transactions*, **46** (2017) 2594-2608.
- 1.23. **N. S. Drašković, B. Đ. Glišić\*, S. Vojnović, J. Nikodinović-Runić and M. I. Djuran**  
In vitro antimicrobial activity and cytotoxicity of nickel(II) complexes with different diamine ligands  
*Journal of the Serbian Chemical Society*, **82** (2017) 289-398.



- 1.24. M. D. Živković, S. Rajković, B. Đ. Glišić, N. S. Drašković and M. I. Djuran**  
Hydrolysis of the amide bond in histidine- and methionine-containing dipeptides promoted by pyrazine and pyridazine palladium(II)-aqua dimers: comparative study with platinum(II) analogues  
*Bioorganic Chemistry*, 72 (2017) 190-198.
- 1.25. A. Pavic, B. Đ. Glišić\*, S. Vojnovic, B. Warzajtis, N. D. Savić, M. Antić, S. Radenković, G. V. Janjić, J. Nikodinovic-Runic, U. Rychlewska and M. I. Djuran**  
Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib  
*Journal of Inorganic Biochemistry*, 174 (2017) 156-168.
- 1.26. I. M. Stanojević, I. Aleksic, N. S. Drašković, B. Đ. Glišić, S. Vojnović and J. Nikodinović-Runić**  
Copper(II) complexes with different diamines as inhibitors of bacterial quorum sensing activity  
*Journal of the Serbian Chemical Society*, 82 (2017) 1357-1367.
- 1.27. S. Radenković, M. Antić, N. Savić and B. Đ. Glišić**  
The nature of Au—N bond in gold(III) complexes with aromatic nitrogen-containing heterocycles. The influence of Au(III) ion on the ligand aromaticity  
*New Journal of Chemistry*, 41 (2017) 12407-12415.
- 1.28. B. Đ. Glišić\*, J. Nikodinovic-Runic, T. Ilic-Tomic, H. Wadepohl, A. Veselinović, I. M. Opsenica and M. I. Djuran**  
Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine  
*Polyhedron*, 139 (2018) 313-322.
- 1.29. N. S. Radulović, N. M. Stojanović, B. Đ. Glišić, P. J. Randelović, Z. Z. Stojanović-Radić, K. V. Mitić, M. G. Nikolić and M. I. Djuran**  
Water-soluble gold(III) complexes with N-donor ligands as potential immunomodulatory and antibiofilm agents  
*Polyhedron*, 41 (2018) 164-180.
- 1.30. S. Rajković, B. Warzajtis, M. D. Živković, B. Đ. Glišić, U. Rychlewska and M. I. Djuran**  
Hydrolysis of methionine- and histidine-containing peptides promoted by dinuclear platinum(II) complexes with benzodiazines as bridging ligands: influence of ligand structure on the catalytic ability of platinum(II) complexes  
*Bioinorganic Chemistry and Applications*  
Research Article (12 pages), Article ID 3294948, Volume 2018 (2018)  
DOI: 10.1155/2018/3294948

- 1.31. **N. D. Savić, S. Vojnovic, B. Đ. Glišić, A. Crochet, A. Pavic, G. V. Janjić, M. Pekmezović, I. M. Opsenica, K. M. Fromm, J. Nikodinovic-Runic and M. I. Djuran**  
Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of *Candida* growth  
*European Journal of Medicinal Chemistry*, **156** (2018) 760-773.
- 1.32. **T. P. Andrejević, A. M. Nikolić, B. Đ. Glišić\*, H. Wadepohl, S. Vojnovic, M. Zlatović, M. Petković, J. Nikodinovic-Runic, I. M. Opsenica and M. I. Djuran**  
Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1*H*-tetrazoles  
*Polyhedron*, **154** (2018) 325-333.
- 1.33. **A. Pavic, N. D. Savić, B. Đ. Glišić, A. Crochet, S. Vojnovic, A. Kurutos, D. M. Stanković, K. M. Fromm, J. Nikodinovic-Runic and M. I. Djuran**  
Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal *Candida albicans* infection  
*Journal of Inorganic Biochemistry*, **195** (2019) 149-163.
- 1.34. **I. M. Stanojević, N. D. Savić, A. Crochet, K. M. Fromm, M. I. Djuran and B. Đ. Glišić\***  
Synthesis and structural analysis of polynuclear silver(I) complexes with 4,7-phenanthroline  
*Journal of the Serbian Chemical Society*, **84** (2019) 689-699.
- 1.35. **N. Lj. Stevanović, T. P. Andrejević, A. Crochet, T. Ilic-Tomic, N. S. Drašković, J. Nikodinovic-Runic, K. M. Fromm, M. I. Djuran and B. Đ. Glišić\***  
Different coordination abilities of 1,7- and 4,7-phenanthroline in the reactions with copper(II) salts: structural characterization and biological evaluation of the reaction products  
*Polyhedron*, **173** (2019) 114112.
- 1.36. **S. Đurić, S. Vojnovic, A. Pavic, M. Mojicevic, H. Wadepohl, N. D. Savić, M. Popsavin, J. Nikodinovic-Runic, M. I. Djuran and B. Đ. Glišić\***  
New polynuclear 1,5-naphthyridine-silver(I) complexes as potential antimicrobial agents: The key role of the nature of donor coordinated to the metal center  
*Journal of Inorganic Biochemistry*, **203** (2020) 110872.

## 2. LIST OF SCIENTIFIC COMMUNICATIONS OF DR. BILJANA Đ. GLIŠIĆ

- 2.1. **M. D. Živković, B. Đ. Glišić, S. Rajković and M. I. Djuran**  
Gold(III) complexes with histidine- and methionine-containing peptides: the reactions studies and complexes characterization  
*6<sup>st</sup> International Conference of the Chemical Societies of the South-Eastern European Countries, Sofia, September 10-14, 2008, 3-P34.*
- 2.2. **B. Đ. Glišić, M. D. Živković, S. Rajković and M. I. Djuran**  
<sup>1</sup>H NMR characterization of gold(III) and platinum(II) complexes with tripeptide glycyl-glycyl-L-methionine  
*47<sup>th</sup> Meeting of the Serbian Chemical Society, Belgrade, Serbia, March 21, 2009, NH 04.*
- 2.3. **M. D. Živković, B. Đ. Glišić, S. Rajković and M. I. Djuran**  
<sup>1</sup>H NMR study of the reactions of a methionine-containing peptides with different Pd(II) complexes: the selective cleavage of the amide bond and steric effects on the catalyst  
*47<sup>th</sup> Meeting of the Serbian Chemical Society, Belgrade, Serbia, March 21, 2009, NH 09.*
- 2.4. **S. Rajković, B. Đ. Glišić, M. D. Živković and M. I. Djuran**  
Hydrolysis of the amide bond in methionine-containing peptides catalyzed by various palladium(II) complexes: dependence of the hydrolysis rate on the steric bulk of the catalyst  
*10<sup>th</sup> International Symposium on Applied Bioinorganic Chemistry, Debrecen, September 25-28, 2009, P41.*
- 2.5. **B. Đ. Glišić, M. D. Živković, S. Rajković, M. I. Djuran, B. Warzajtis and U. Rychlewska**  
Gold(III) complexes of the histidine-containing peptides: syntheses, spectroscopic and structural characterization  
*10<sup>th</sup> International Symposium on Applied Bioinorganic Chemistry, Debrecen, September 25-28, 2009, P42.*
- 2.6. **B. Đ. Glišić, S. Rajković and M. I. Djuran**  
<sup>1</sup>H NMR investigation of the oxidation reactions of glycyl-D,L-methionine and its *N*-acetylated derivate in the presence of gold(III)  
*10<sup>th</sup> European Biological Inorganic Chemistry Conference, Thessaloniki, June 22-26, 2010, P0-84.*
- 2.7. **B. Đ. Glišić, S. Rajković and M. I. Djuran**  
<sup>1</sup>H NMR study of reactions of the [AuCl(dien)]Cl<sub>2</sub> complex with *N*-acetyl derivatives of some dipeptides  
*49<sup>th</sup> Meeting of the Serbian Chemical Society, Kragujevac, Serbia, May 13-14, 2011, NH02-O.*

- 2.8. M. I. Djuran, B. Đ. Glišić and U. Rychlewska**  
Spectroscopic investigation of reactions and structural characterization of gold(III) complexes with peptides  
*Golden Jubilee Meeting of the Serbian Chemical Society, Belgrade, Serbia, June 14-15, 2012, PP 2.*
- 2.9. B. Đ. Glišić, S. Rajković and M. I. Djuran**  
A study of the reactions of the monofunctional  $[M(\text{dien})\text{Cl}]^{n+}$  complexes (M = Au(III), Pt(II) and Pd(II)) with L-histidine-containing dipeptides  
*First International Conference of the Young Chemists of Serbia, Belgrade, Serbia, October 19-20, 2012, HS O5.*
- 2.10. B. Đ. Glišić, S. Rajković, Z. D. Stanić, M. I. Djuran, G. Bogdanović and V. Kojić**  
Solution study and cytotoxic activity of gold(III) complexes with L-histidine-containing peptides  
*8<sup>th</sup> International Conference of the Chemical Societies of the South-Eastern European Countries, Belgrade, Serbia, June 27-29, 2013, BS-CB P06.*
- 2.11. B. Đ. Glišić, S. Rajković, Z. D. Stanić and M. I. Djuran**  
A spectroscopic and electrochemical investigation of the reactions of gold(III)-peptide complexes with glutathione under physiologically relevant conditions  
*8<sup>th</sup> International Conference of the Chemical Societies of the South-Eastern European Countries, Belgrade, Serbia, June 27-29, 2013, BS-CB P16.*
- 2.12. B. Đ. Glišić, B. Warzajtis, N. S. Radulović, U. Rychlewska and M. I. Djuran**  
Gold(III) complexes with monodentate coordinated quinoxaline and phenazine  
*51<sup>th</sup> Meeting of the Serbian Chemical Society, Niš, Serbia, June 5-7, 2014, NH O 01.*
- 2.13. M. I. Djuran, B. Warzajtis, B. Đ. Glišić, N. S. Radulović and U. Rychlewska**  
Synthesis and structural characterization of gold(III) complexes with nitrogen-containing heterocycles  
*12<sup>th</sup> European Biological Inorganic Chemistry Conference, Zürich, August 24-28, 2014, P0-52.*
- 2.14. N. D. Savić, D. R. Milivojević, J. Nikodinović-Runić, B. Đ. Glišić and M. I. Djuran**  
Solution study and biological activity of gold(III) complexes with aromatic nitrogen-containing heterocycles  
*52<sup>th</sup> Meeting of the Serbian Chemical Society, Novi Sad, Serbia, May 29-30, 2015, NH P5.*

- 2.15. N. D. Savić, B. Đ. Glišić and M. I. Djuran**  
Synthesis and characterization of dinuclear gold(III) complexes with some aromatic nitrogen-containing heterocycles  
*Third Conference of the Young Chemists of Serbia, Belgrade, Serbia, October 24, 2015, HS P31.*
- 2.16. D. R. Milivojević, N. D. Savić, B. Đ. Glišić, T. Ilić-Tomić, M. I. Djuran and B. Vasiljević**  
Silver(I) and gold(III) complexes with aromatic nitrogen-containing heterocycles: Antimicrobial evaluation  
*Microbiologia Balkanica 2015, Thessaloniki, October 22-24, 2015, P9B*
- 2.17. N. D. Savić, B. Warzajtis, B. Đ. Glišić, M. Antić, S. Radenković, U. Rychlewska and M. I. Djuran**  
Synthesis and characterization of gold(III) complexes with tricyclic aromatic nitrogen-containing heterocycles  
*53<sup>th</sup> Meeting of the Serbian Chemical Society, Kragujevac, Serbia, June 10-11, 2016, NH O4.*
- 2.18. S. Radenković, M. Antić, N. D. Savić, B. Đ. Glišić and M. I. Djuran**  
The nature of Au-N bond and aromaticity of N-heterocycles coordinated to Au(III) ion  
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- 2.19. N. D. Savić, B. Warzajtis, B. Đ. Glišić, L. Djokić, T. Ilić-Tomić, J. Nikodinović-Runić, U. Rychlewska and M. I. Djuran**  
Synthesis and biological evaluation of dinuclear gold(III) complexes with aromatic nitrogen-containing heterocycles  
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- 2.20. N. D. Savić, B. Đ. Glišić, B. Warzajtis, J. Nikodinović-Runić, U. Rychlewska and M. I. Djuran**  
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- 2.22. **N. D. Savić, B. Đ. Glišić, A. Crochet, S. Vojnovic, A. Pavic, J. Nikodinovic-Runic, K. M. Fromm and M. I. Djuran**  
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- 2.24. **N. Savić, B. Glišić, A. Pavić, M. Đuran, J. Nikodinović-Runić and S. Vojnović**  
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- 2.25. **N. D. Savić, B. Đ. Glišić, A. Pavic, B. Warzajtis, S. Vojnovic, J. Nikodinovic-Runic, U. Rychlewska and M. I. Djuran**  
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- 2.27. **N. D. Savić, B. Đ. Glišić, A. Crochet, K. M. Fromm and M. I. Djuran**  
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- 2.28. **N. D. Savić, A. Pavic, S. Vojnovic, J. Nikodinovic-Runic and B. Đ. Glišić**  
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- 2.29. **S. Ž. Đurić, A. Pavić, H. Wadepohl, N. D. Savić, M. Mojićević, S. Vojnović, B. Đ. Glišić, J. Nikodinović-Runic and M. I. Djuran**  
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- 2.31. **A. Pavić, S. Ž. Đurić, B. Đ. Glišić, H. Wadepohl, N. D. Savić, M. I. Djuran, M. Mojicevic and J. Nikodinović-Runic**  
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- 2.32. **T. P. Andrejević, A. M. Nikolic, B. Đ. Glišić, H. Wadepohl, S. Vojnović, M. Zlatović, J. Nikodinović-Runic, I. Opsenica and M. I. Djuran**  
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- 2.33. **N. D. Savić, S. Vojnović, B. Đ. Glišić, A. Crochet, I. Opsenica, K. M. Fromm, J. Nikodinović-Runic and M. I. Djuran**  
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- 2.34. **A. Pavić, B. Glišić, N. D. Savić, S. Vojnović, M. Đuran and J. Nikodinović-Runić**  
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- 2.35. A. Pavić, B. Glišić, N. D. Savić, S. Vojnović, M. Đuran and J. Nikodinović-Runić**  
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- 2.37. S. Ž. Đurić, T. P. Andrejević, B. Đ. Glišić and M. I. Đuran**  
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- 2.38. T. P. Andrejević, N. Lj. Stevanović, J. Kljun, S. Vojnović, B. Đ. Glišić, J. Nikodinović-Runić, I. Turel and M. I. Djuran**  
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*56<sup>th</sup> Meeting of the Serbian Chemical Society, Niš, Serbia, June 7-8, 2019, NH O 1, p47.*
- 2.39. N. S. Drašković, N. Lj. Stevanović, T. P. Andrejević, A. Crochet, B. Đ. Glišić, K. M. Fromm and M. I. Djuran**  
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- 2.40. N. D. Savić, B. Đ. Glišić, B. B. Petković, H. Wadepohl, S. Vojnović, J. Nikodinović-Runić and M. I. Djuran**  
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- 2.41. N. Lj. Stevanović, B. Warzajtis, T. P. Andrejević, S. Vojnović, B. Đ. Glišić, J. Nikodinović-Runić, U. Rychlewska and M. I. Djuran**  
Synthesis and antifungal activity of zinc(II) complexes with aromatic nitrogen-containing heterocycles  
*56<sup>th</sup> Meeting of the Serbian Chemical Society, Niš, Serbia, June 7-8, 2019, NH P8, p55.*



- 2.42. **S. Ž. Đurić, M. Mojićević, S. Vojnović, T. P. Andrejević, H. Wadepohl, N. Lj. Stevanović, J. Nikodinović-Runić, M. I. Djuran and B. Đ. Glišić**  
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- 2.43. **T. P. Andrejević, S. Ž. Đurić, N. Lj. Stevanović and B. Đ. Glišić**  
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*Seventh Conference of the Young Chemists of Serbia, Belgrade, Serbia, November 2, 2019, MC PP 02, p. 116.*  
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### **3. OTHER PUBLICATIONS OF DR. BILJANA Đ. GLIŠIĆ**

- 3.1. **B. Đ. Glišić and M. I. Djuran**  
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- 3.2. **B. Đ. Glišić, M. D. Živković, S. Rajković and M. I. Djuran**  
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- 3.3. **B. Đ. Glišić, N. D. Savić and M. I. Djuran**  
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- 3.4. **B. Đ. Glišić**  
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- 3.5. **Lj. Z. Bjelović, B. Đ. Glišić, M. D. Živković and T. V. Kanjevac**  
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*Kragujevac Journal of Science, 41 (2019) 43-52.*
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